CIVIL TECH LABS

TEST ON SDBC MIX GRADE - 2

Name of the Client	AEE, Vidyaranayapura Sub Division, BBMP
Project	Improvements to cross roads and drains at Singapura in ward no. 11, Vidyaranayapura Sub Division.
Agency	Sri. K. Sri Gandha
Date of Testing	15/07/2013
Reference	**MORTH Table 500-15. SDBC Grade-2**

	Sample-2		
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve**	**Actual % By Weight Passing IS Sieve**	**Remarks**
13.2	100	100	**Satisfies Requirements**
9.5	90-100	98.3	
4.75	35-51	43.6	
2.36	24-39	32.1	
1.18	15-30	23.6	
0.3	9-19	17.8	
0.075	3-8	7.1	

Note:

1.The results relate only to the items tested.

2.Report shall not be reproduced except in full, without the written approval of the lab.

3.Any correction invalidates this report.

4.The results are based on the test conducted on samples supplied by the client.

CIVIL TECH LABS
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Lab Incharge
Civil Tech Labs

CIVIL TECH LABS BANGALORE

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

CIVIL TECH LABS

TEST ON SDBC MIX GRADE - 2

Name of the Client	AEE, Vidyaranayapura Sub Division, BBMP
Project	Improvements to cross roads and drains at Singapura in ward no. 11, Vidyaranayapura Sub Division.
Agency	Sri. K. Sri Gandha
Date of Testing	15/07/2013
Reference	**MORTH Table 500-15. SDBC Grade-2**

	Sample-1		
IS Sieve Designation (mm)	**% By Weight Passing IS Sieve**	**Actual % By Weight Passing IS Sieve**	**Remarks**
13.2	100	100	**Satisfies Requirements**
9.5	90-100	98.5	
4.75	35-51	42.2	
2.36	24-39	33.6	
1.18	15-30	24.5	
0.3	9-19	16.7	
0.075	3-8	6.8	

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CIVIL TECH LABS
5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560 027
Ph: 080 - 41142867, Email: civiltechlabs@gmail.com

To,

Assistant Executive Engineer
VidyaranayapuraSub Division,
BBMP Bangalore.

15th July 2013

Dear Sir,

Sub: Testing Semi Dense Bituminous Concrete.

As requested, tests on physical properties were carried out for the Semi Dense Bituminous Concrete samples supplied by you, for the work of **'Improvements to cross roads and drains at Singapura in ward no. 11, Vidyaranayapura Sub Division.'**

Please find the enclosed Test Reports of the above.

Thanking You,
For Civil Tech Labs

Khushboo

(KHUSHBOO L.)
Lab Incharge

CIVIL TECH LABS BANGALORE

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

CIVIL TECH LABS

TEST ON WMM MIX

Name of the Client	AEE, Vidyaranayapura Sub Division, BBMP
Project	Improvements to cross roads and drains at Singapura in ward no. 11, Vidyaranayapura Sub Division.
Agency	Sri. K. Sri Gandha
Date of Testing	09/07/2013
Reference	**MORTH Table 400-11**

IS Sieve Designation (mm)	% By Weight Passing IS Sieve	Actual % By Weight Passing IS Sieve	Remarks
53	100	100	**Satisfies Requirements**
45	95-100	98.6	
22.4	60-80	74.2	
11.2	40-60	53.6	
4.75	25-40	33.4	
2.36	15-30	26.7	
0.6	8-22	17.8	
0.075	0-8	7.2	

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Assistant Executive Engineer
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BBMP, Bangalore - 97

CIVIL TECH LABS
5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560 027
Ph: 080 - 41142867, Email: civiltechlabs@gmail.com

To,

Assistant Executive Engineer
Vidyaranayapura Sub Division,
BBMP Bangalore.

07th July 2013

Dear Sir,

Sub: Testing Wet Mix Macadam.

As requested, tests on physical properties were carried out for the Wet Mix Macadam samples supplied by you, for the work of **'Improvements to cross roads and drains at Singapura in ward no. 11, Vidyaranayapura Sub Division.'**

Please find the enclosed Test Reports of the above.

Thanking You,
For Civil Tech Labs

Khushboo

CIVIL TECH LABS BANGALORE

(KHUSHBOO L.)
Lab Incharge

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

CIVIL TECH LABS

TEST REPORT ON CONCRETE CUBES

Name of the Client	AEE, Vidyaranayapura Sub Division, BBMP
Project	Improvements to cross roads and drains at Singapura in ward no. 11, Vidyaranayapura Sub Division.
Agency	Sri. K. Sri Gandha
Grade of Concrete	M-20
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 Sq.mm
Technical Reference	IS: 516-1959(Reaffirmed 2004)

Sl.No	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/Sq.mm)	Avg Compressive Strength (N/Sq.mm)
1	CC-Work (Drain)	20/06/2013	18/07/2013	28	8.20	490	21.78	21.48
2					8.15	485	21.56	
3					8.17	475	21.11	

Note:

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4 The results are based on the test conducted on samples supplied by the client.

Lab Incharge
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Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

CIVIL TECH LABS
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Ph: 080 - 41142867, Email: civiltechlabs@gmail.com

To,

Assistant Executive Engineer
Vidyaranyapura Sub Division,
BBMP Bangalore.

18th July 2013

Dear Sir,

Sub: Improvements to cross roads and drains at Singapura in ward no. 11, Vidyaranayapura Sub Division.
Testing of cubes – Reg.

As requested the 28th day Compressive Strength Test of Cubes was carried out for the above work for the samples supplied by you.

Please find the enclosed Test Report of the above.

Thanking you,

For Civil Tech Labs,

Khushboo

(KHUSHBOO L.)
Lab Incharge

CIVIL TECH LABS BANGALORE

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

CIVIL TECH LABS

Bitumen Content Determination on SDBC Mix-Grade 2

Name of the Client	AEE, Vidyaranayapura Sub Division, BBMP
Name of the Work	Improvements to cross roads and drains at Singapura in ward no. 11, Vidyaranayapura Sub Division.
Agency Name	Sri. K. Sri Gandha
Date of Testing	15/07/2013

Specification : As Per MORTH (4th Revision) Table 500-15
Minimum Bitumen Content SDBC/Grade-2 is 5 %

Sl.no	Description	Sample-1	Sample-2
1	Weight of mixture before test, g	1000	1000
2	Weight of mixture after test, g	946	944
3	Weight of bitumen extracted, g	54	56
4	Bitumen content in %	5.40	5.60
5	Average Bitumen content in %	5.50	
Remarks	**Satisfactory**		

Note:

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